



# Fitting Instructions

Detachable towbar for:  
APACHE 632  
SCOUT  
DELAWARE

Towbar  
14CHA0100

With fitting kit  
14CHA0104

## MATERIALS

### Towbar Kit - 14CHA0100

A	1	Crossbar
F	1	Rail support arms(right hand)
G	1	Rail support arms(left hand)
H	2	Angle Cleat
ZQ	1	Detachable unit

### Fitting Kit -14CHA0104

B	16	M12 x 35 x 1.75 bolts and Serrated Nuts
C	6	M10 x 40 x 1.5 bolts and Serrated Nuts
D	2	Side plates
E	2	Side braces
J	2	M12 x 140 x 1.75 bolts, Serrated Nuts and 6 Flat Washers (50mm)

## Fitting Procedure:

1. Where fitted remove rear cross member, rear brace and corner steadies, discard.
2. Loosely attach Side plates (D) and Side braces to existing holes in chassis using Bolts (B).  
**Note: on vehicles with body supports mounted to sides of chassis rail, remove the rearmost bolts and loosen the forward, this will allow spacer plates to be removed and Side plate (D) inserted.**
3. Attach Crossbar (A) to Side plates (D) using Bolts (B) and attach Side braces to Crossbar (A) using Bolts (B).
4. Fit Detachable unit (ZQ) referring to separate fitting instruction and **Fully Tighten** all bolts (see torque setting below). Check valance clearance >5mm, a cut may be required on certain vehicles.
5. Remove central bolts securing chassis rails to chassis drop arms (2 M10 bolts each side)
6. Fit Angle Cleats (H) to existing hole in chassis drop arms (see detail 'Y'), loosely attach Rail support arms (F and G) to chassis rails using Bolts (C), vehicle chassis rails using Bolts (J) and Angle Cleats(H) using Bolts (B).
7. **Fully Tighten Bolts.**

**Recommended torque settings:** Grade 8.8 bolts: M8 - 24Nm, M10 - 52 Nm, M12 - 95 Nm, M14 - 130 Nm, M16 - 200 Nm

